

Title (en)

Copolyetherester elastomer with poly (1,3 -propylene terephthalate) hard segment.

Title (de)

Copolyetheresterelastomer mit einem harten Segment aus Poly(1,3-propylenterephthalat).

Title (fr)

Elastomère de copolyétherester à segment rigide en polytéraphtate de 1,3-propylène.

Publication

**EP 0385428 A2 19900905 (EN)**

Application

**EP 90103879 A 19900228**

Priority

US 31671989 A 19890228

Abstract (en)

A thermoplastic, segmented, linear copolyetherester elastomer of at least 70 weight percent soft segments, derived from poly(alkylene oxide) glycols and terephthalic acid, and hard segments constituting 10-30% of the elastomer and being 95 to 100% poly(1,3-propylene terephthalate). Melt-spun and drawn fibers of the elastomer have superior elastic and set properties versus comparable fibers made from such elastomers having hard segments of poly(ethylene terephthalate) or of poly(1,4-butylene terephthalate).

IPC 1-7

**C08G 63/672**; **D01F 6/86**

IPC 8 full level

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CPC (source: EP KR US)

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